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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

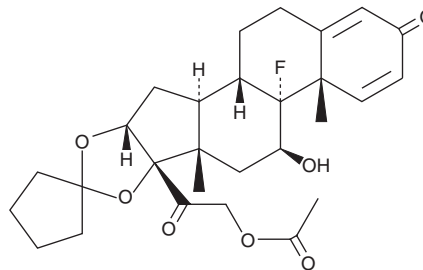
PRODUCT INFORMATION



Amcinonide

Item No. 23903

CAS Registry No.: 51022-69-6
Formal Name: (11 β ,16 α)-21-(acetyloxy)-16,17-[cyclopentylidenebis(oxy)]-9-fluoro-11-hydroxy-pregna-1,4-diene-3,20-dione
Synonym: CL 34,699
MF: C₂₈H₃₅FO₇
FW: 502.6
Purity: \geq 98%
UV/Vis.: λ_{max} : 236 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: \geq 2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Amcinonide is supplied as a crystalline solid. A stock solution may be made by dissolving the amcinonide in the solvent of choice. Amcinonide is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide, which should be purged with an inert gas. The solubility of amcinonide in these solvents is approximately 10, 25, and 20 mg/ml, respectively.

Amcinonide is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, amcinonide should first be dissolved in DMSO and then diluted with the aqueous buffer of choice. Amcinonide has a solubility of approximately 0.5 mg/ml in a 1:1 solution of DMSO:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

Description

Amcinonide is a synthetic corticosteroid.¹ Topical administration of amcinonide reduces inflammation in rat models of carrageenan-induced plantar edema and air pouch granulomas (ID₅₀s = 1.85 and 4.2 mg/kg, respectively).

Reference

1. Wepierre, J. and Bogaievsky, Y. Comparative pharmacological activity of triamcinolone acetone and of a new topical steroid: Amcinonide, after percutaneous or oral administration (author's transl). *J. Pharmacol.* **11(4)**, 449-462 (1980).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD

ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897

[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM

WWW.CAYMANCHEM.COM